

Fig. 1
PRIOR ART

204

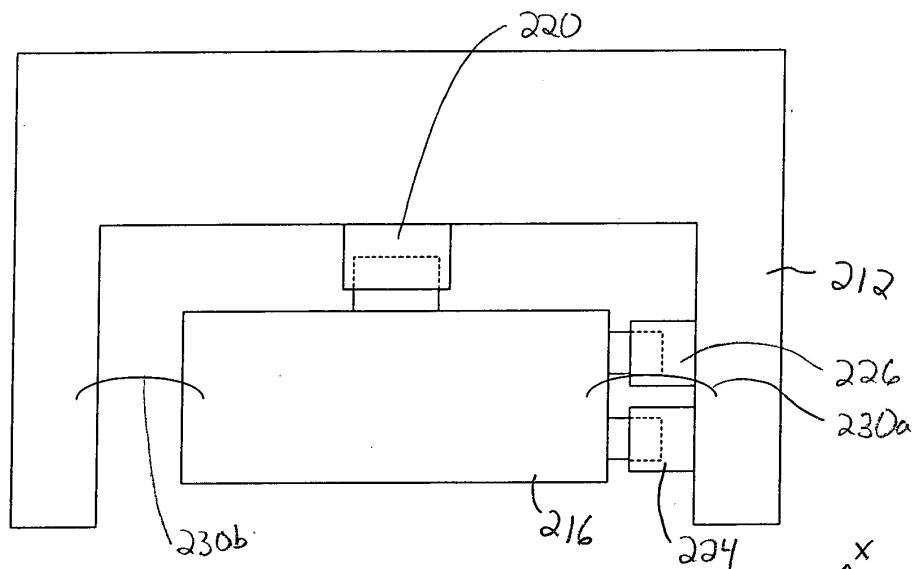


Fig. 2a

254

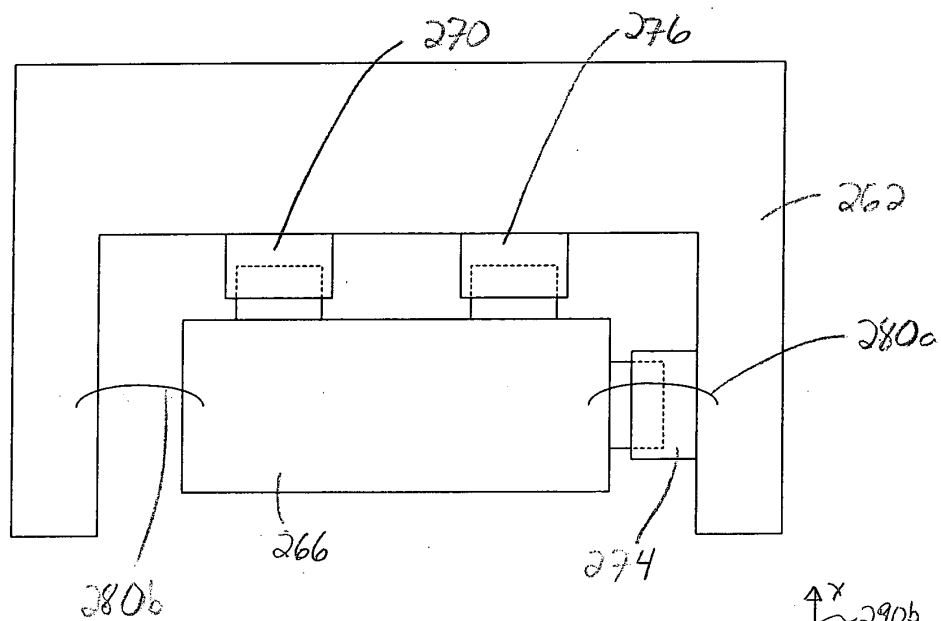


Fig. 2b

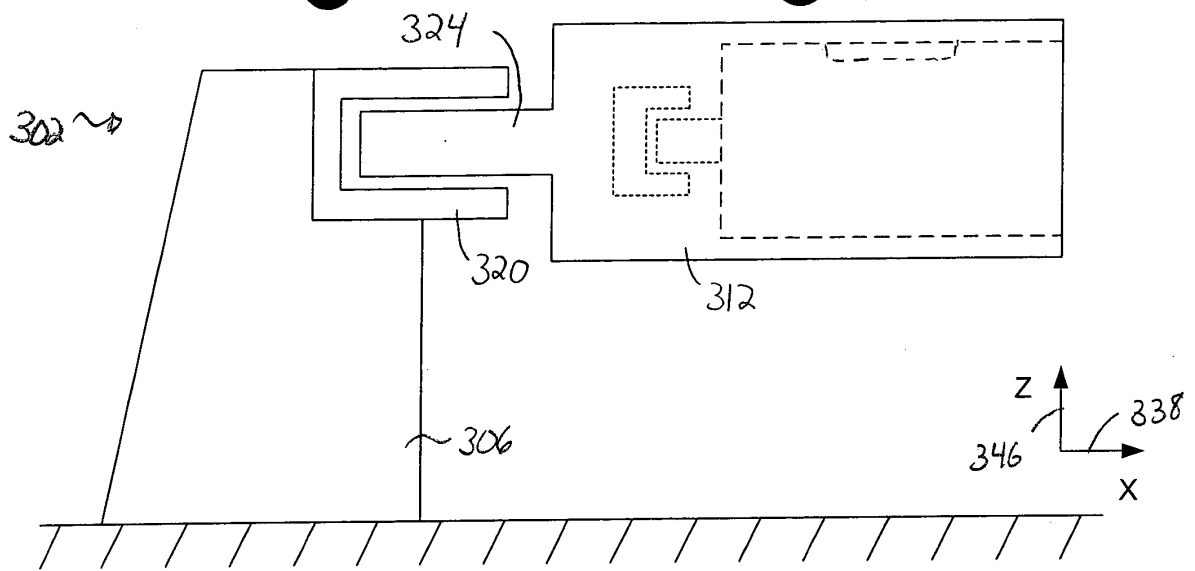


Fig. 3a

302 ~

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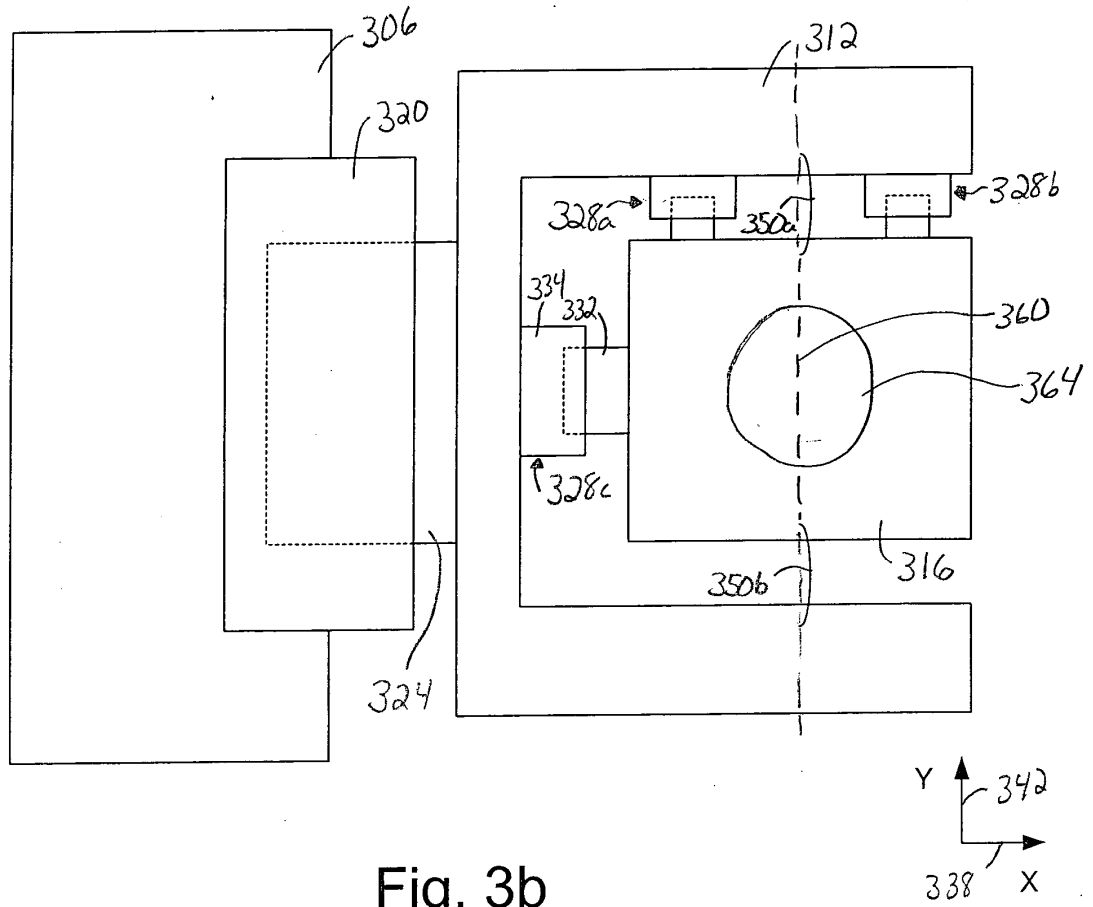


Fig. 3b

FIG. 4 is a graph showing Y Velocity and Y Acceleration versus Time. The Y Velocity graph (top) shows a trapezoidal profile with a constant velocity segment between t1 and t2. The Y Acceleration graph (bottom) shows a corresponding profile with a constant positive acceleration segment between t0 and t1, a zero acceleration segment between t1 and t2, and a constant negative acceleration segment between t2 and t3. The time points t0, t1, t2, and t3 are marked on the Time axis.

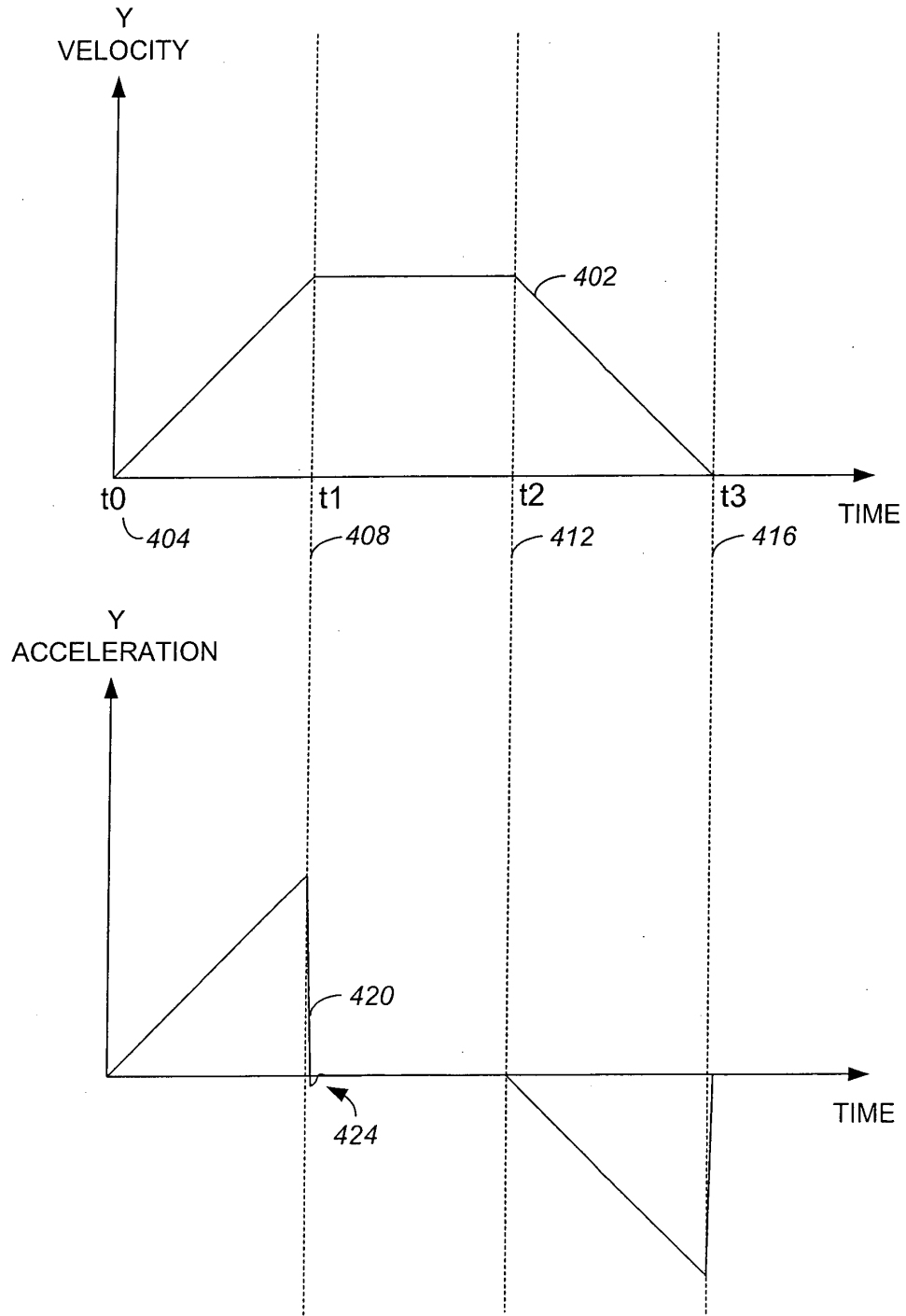


Fig. 4

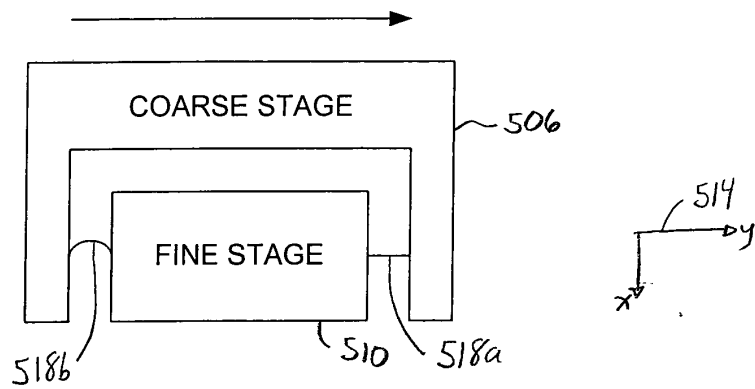


Fig. 5a

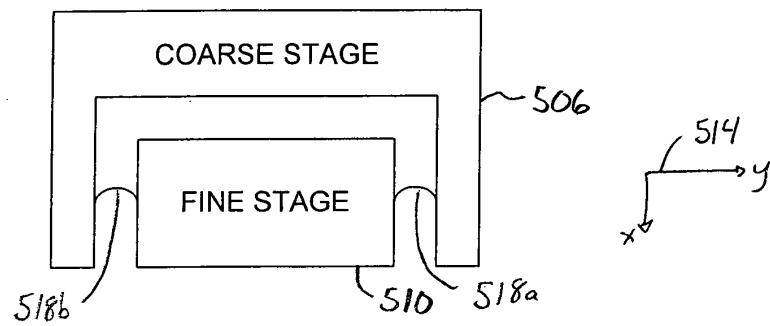


Fig. 5b

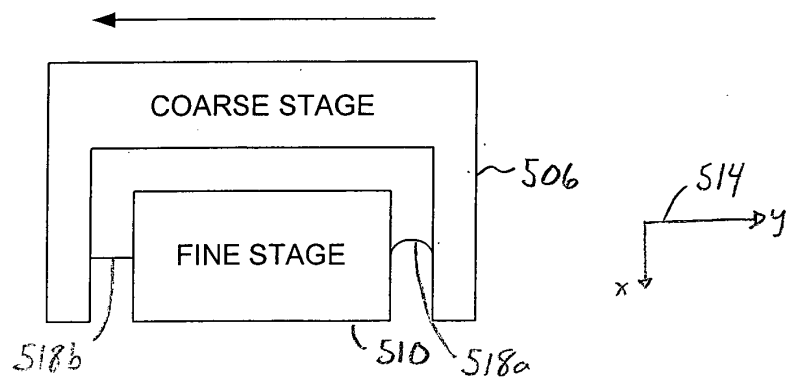


Fig. 5c

602

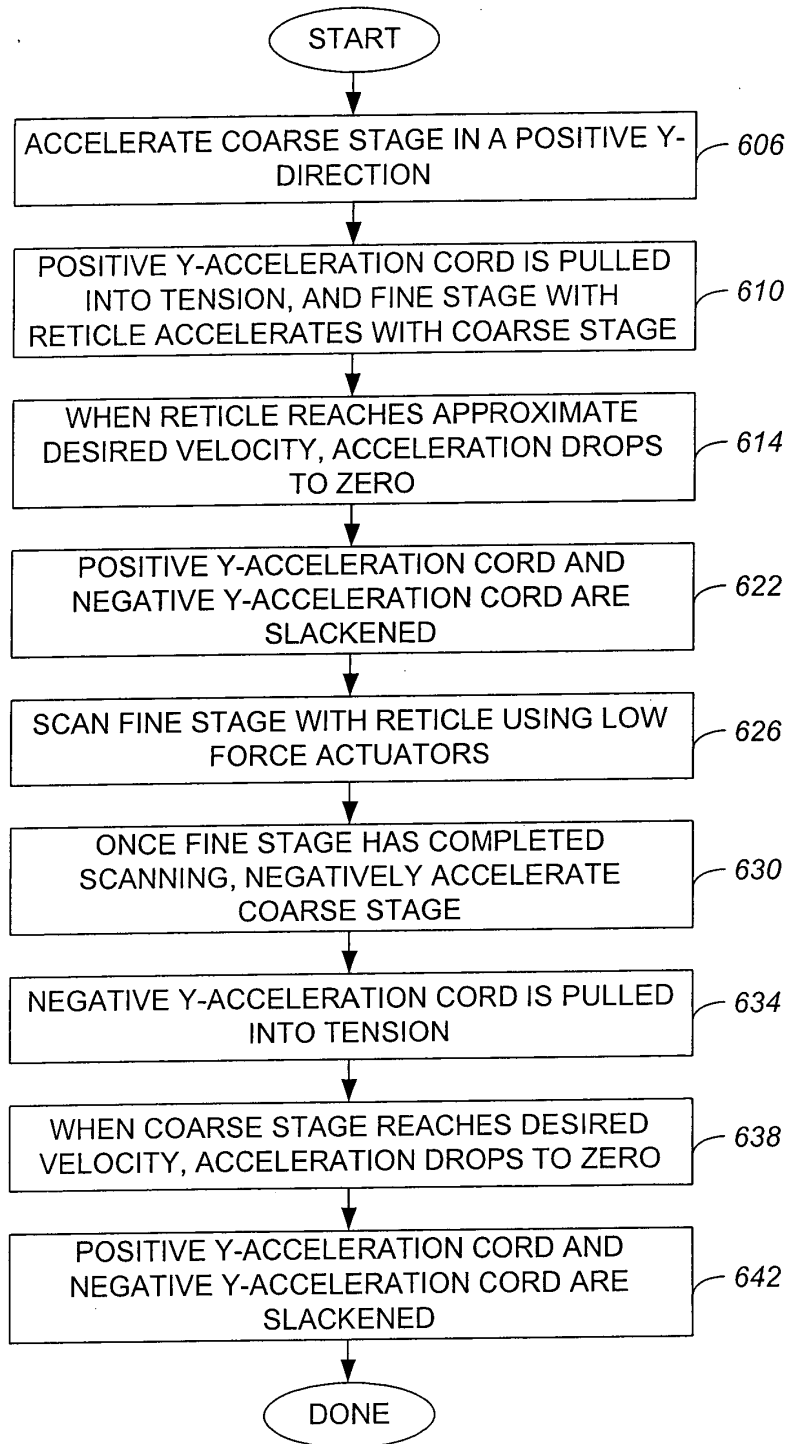


Fig. 6

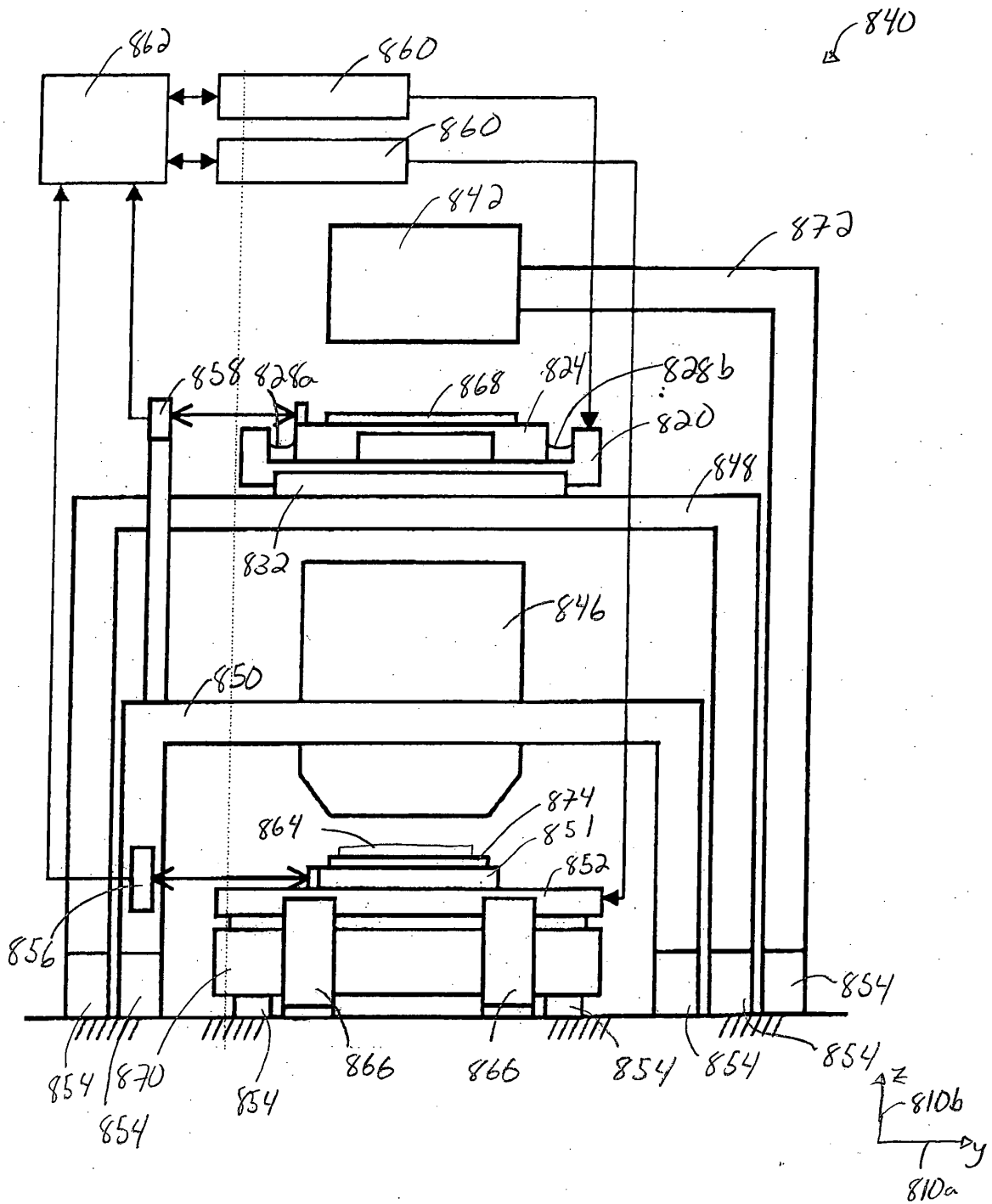


Fig. 7

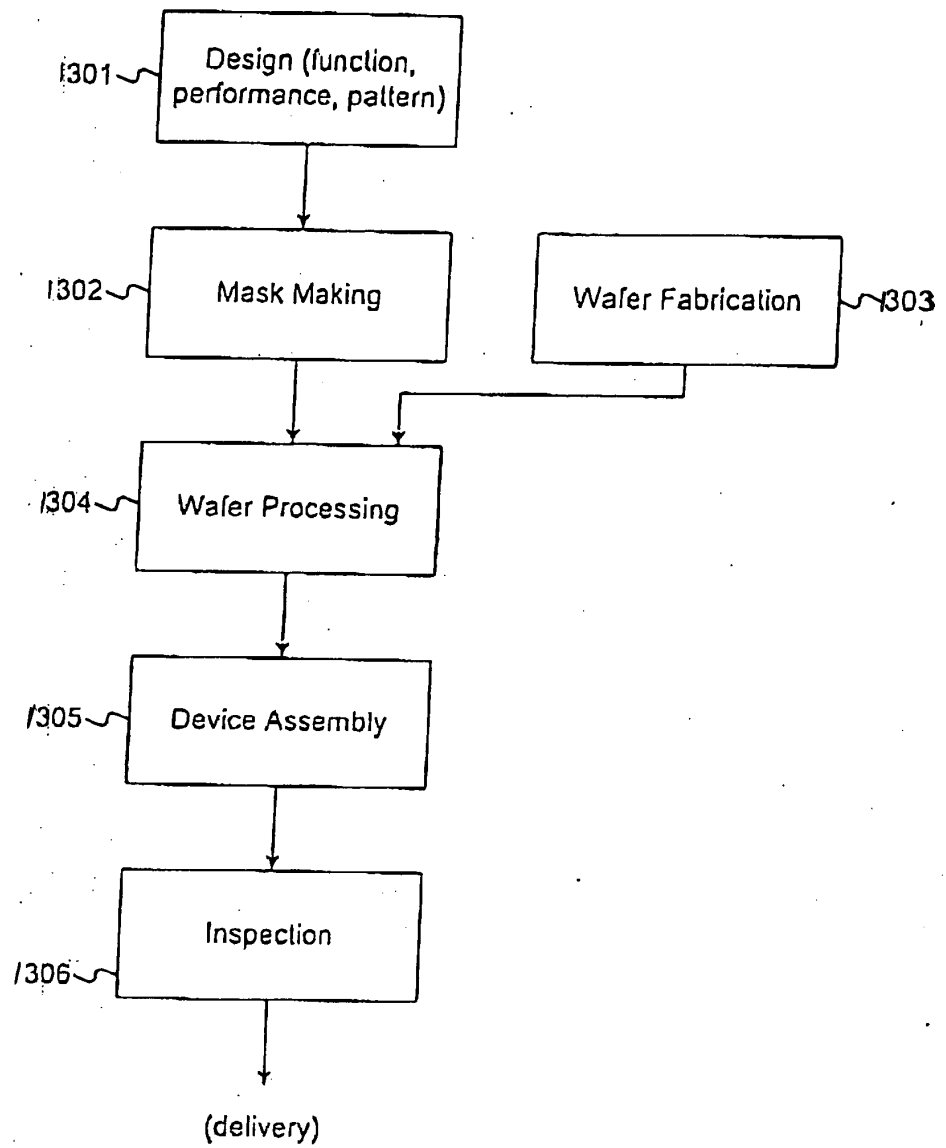


Fig. 8

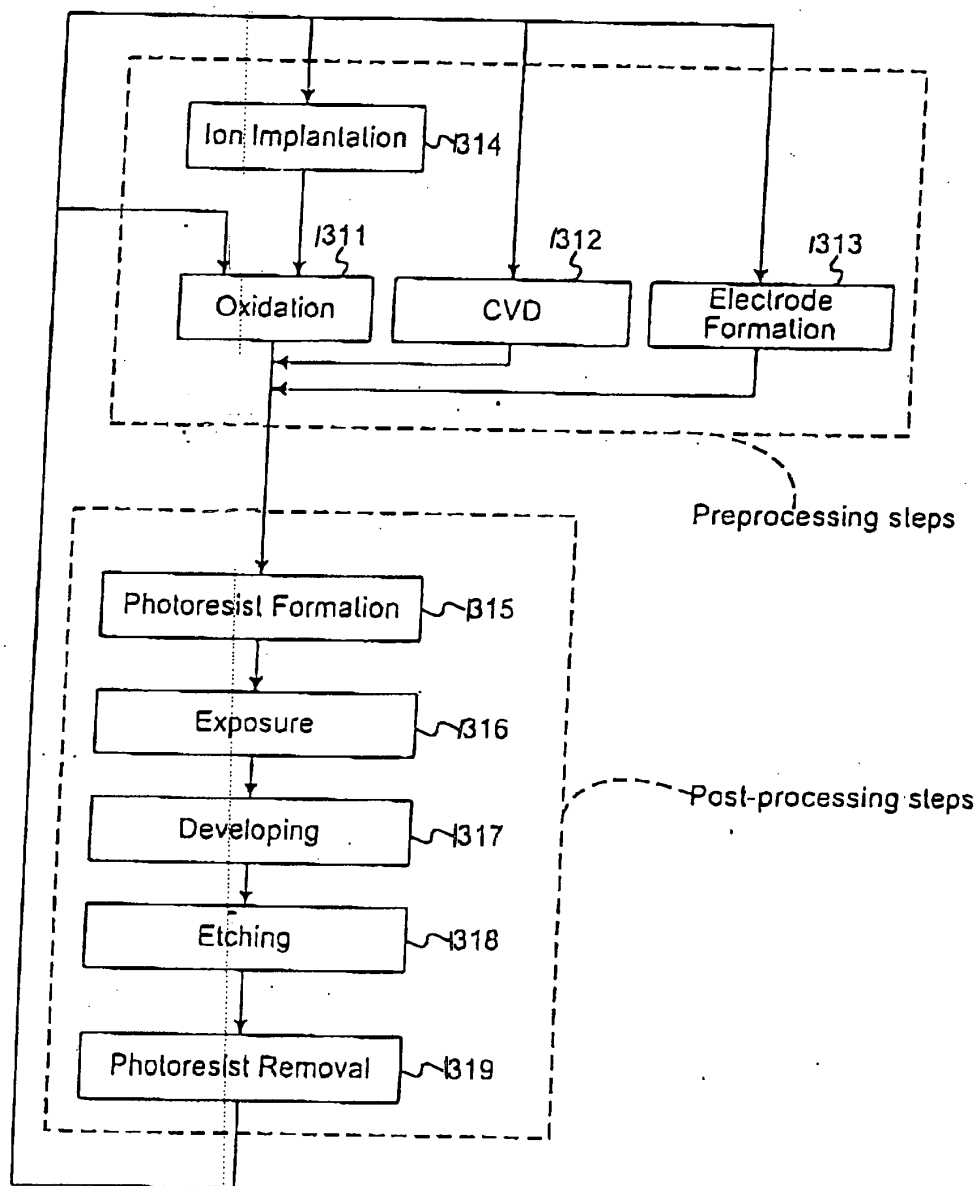


Fig. 9

FIG. 10a

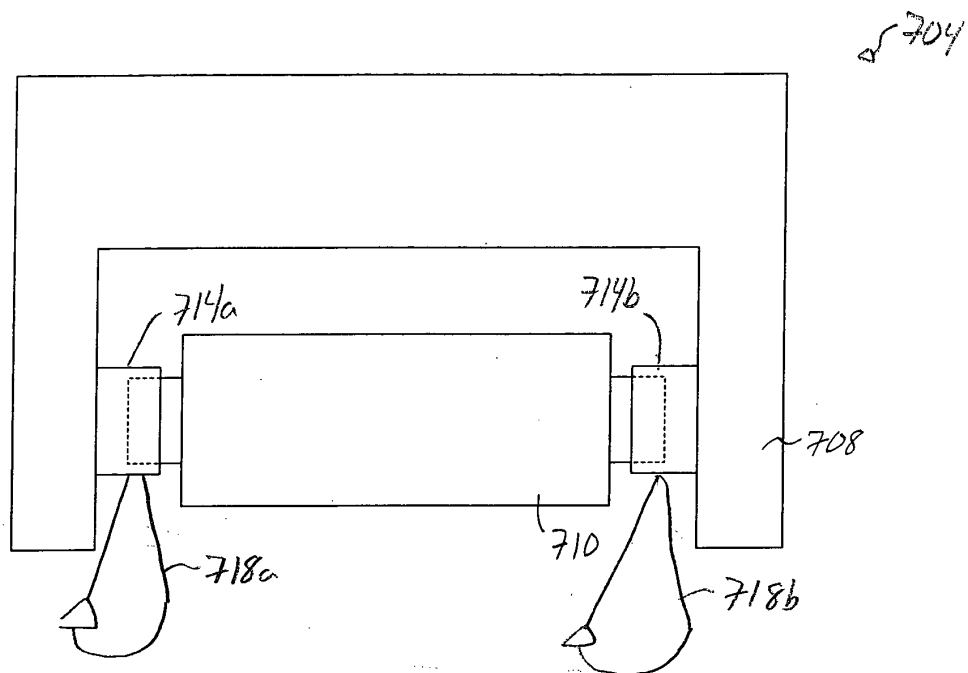


Fig. 10a

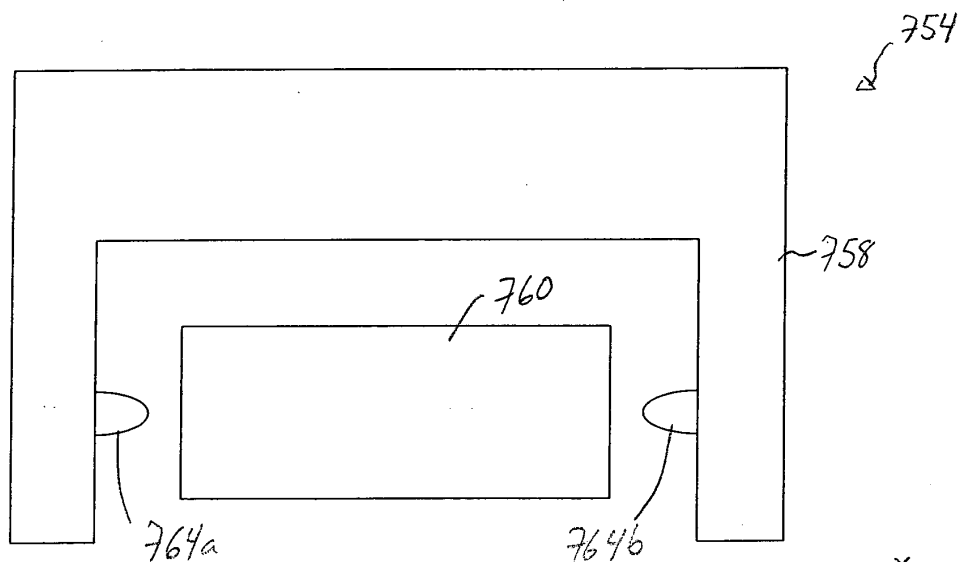


Fig. 10b